

F. PRIEWE.
COFFEE ROASTER.

No 182,600.

Patented Sept. 26, 1876.

Fig. 1.

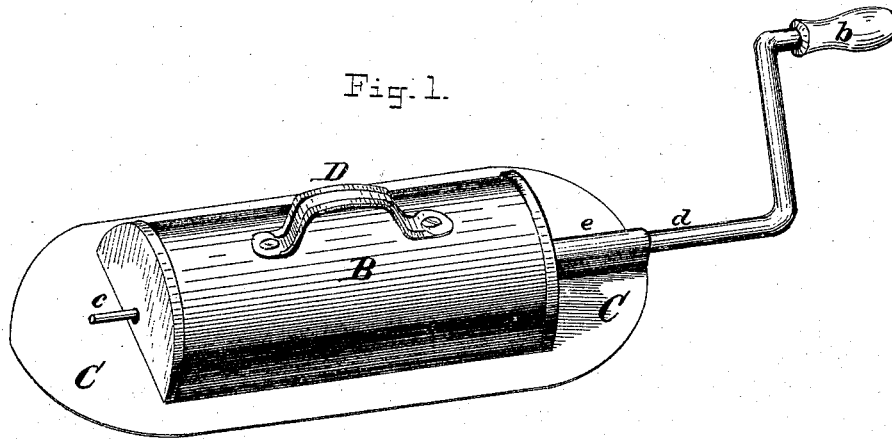


Fig. 2.

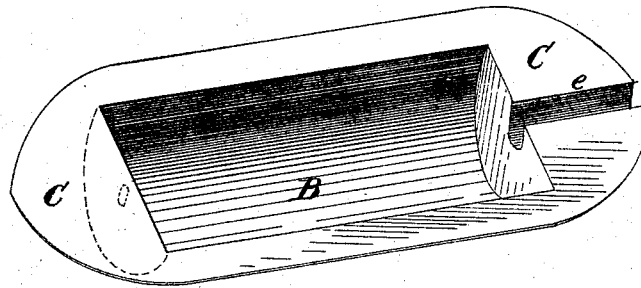
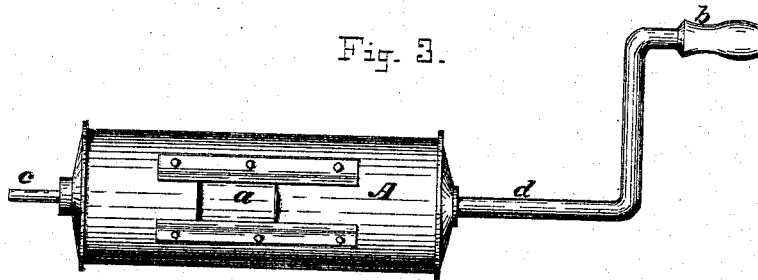


Fig. 3.



ATTEST:

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UNITED STATES PATENT OFFICE.

FERDINAND PRIEWE, OF WINONA, MINNESOTA.

IMPROVEMENT IN COFFEE-ROASTERS.

Specification forming part of Letters Patent No. 182,600, dated September 26, 1876; application filed August 28, 1876.

To all whom it may concern:

Be it known that I, FERDINAND PRIEWE, of Winona, in the county of Winona and State of Minnesota, have invented certain Improvements in Coffee-Roasters, of which the following is a specification:

This invention relates to that class of roasters which are cylindrical in form, mounted on a central spindle, and arranged to be rotated over a fire. In this case the roasting-cylinder is provided with a peculiarly-constructed cover; and the invention consists in the combination of these two elements, the cylinder and cover, when constructed and arranged to operate as will be hereinafter set forth.

In the drawings, Figure 1 is a perspective view of my invention as a whole, in position for work. Fig. 2 is a perspective view of the cover, showing the under side. Fig. 3 is a side view of the roasting-cylinder, shown disconnected from the cover.

Let A represent the body of an ordinary cylindrical roaster, provided with a sliding door, *a*, and a crank, *b*. This roaster is arranged to rotate on a short stud or journal, *c*, and a long journal, *d*, which find bearings in a cover of peculiar construction, which I will now describe.

The body B of the cover is close, and semi-cylindrical in form, and is provided with an oval or oblong flange or rim, C, as shown in Figs. 1 and 2. In one end of the cover, just above the flange, is a hole to form a bearing for the short journal *c* of the roaster, and at the other end, in the flange, is formed a long semi-tubular half-bearing, *e*, for the long journal *d* of the same. The cover is provided with a handle, D. When the covers are removed from the top of an ordinary stove an oblong fire-opening is made. It is contemplated that the flange C shall be somewhat larger than this opening, and that when the same is set

upon the stove, as indicated in Fig. 1, the roaster shall be exposed directly to the fire. At the same time the cover shall prevent the escape of any appreciable amount of smoke or heated gases, but permit them to freely envelop the revolving roaster.

The long bearing *e* in the flange of the cover, although it properly confines the long journal of the roaster while the latter is being revolved, readily permits the removal of the roaster from the cover, and its replacement at pleasure. This is of great importance, as the roasting-cylinder may be so quickly removed from the cover and the latter be again adjusted over the fire-hole that no smoke or gas can escape from the stove into the room while the removal is being made. The roasting-cylinder may then be emptied, or its contents examined, at leisure. After being examined or refilled it may be again replaced under the cover in its bearings instantly without trouble.

I am aware that rotary coffee-roasters, provided with covers, are common, and I make no claim to this; nor do I claim, broadly, a flange to rest on the stove; but

What I do claim is—

The combination, herein shown, of the close semi-cylindrical cover B, having a rim, C, to rest flat on the stove, the latter provided with a semi-tubular bearing, *e*, with the cylindrical roasting-cylinder A, provided with the short journal *c*, long journal *d*, crank *b*, and door *a*, when they are arranged to operate in the manner shown, and for the purposes specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

FERDINAND PRIEWE.

Witnesses:

JOSIAH H. JONES,
N. C. GARRETT.